PHOENIX®
DURABILITY X DESIGN™

ModCom® 2 Series
Waterline Security Light
LED Replacement for SYM 303.X

Patents Pending

ModCom 2 Lo design delivers up to 14,000 lumens and replaces 400W HID fixtures

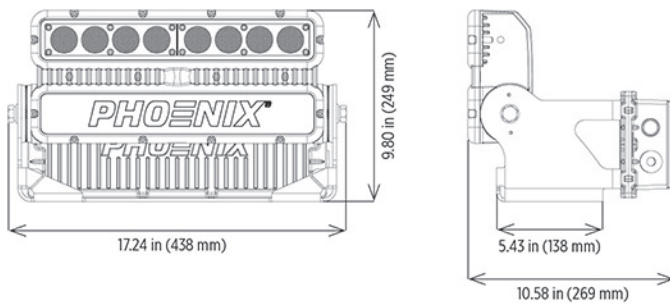ModCom 2 Hi design delivers up to 28,000 lumens and replaces 1000W HID fixtures

ModCom 2 Max design delivers up to 42,000 lumens and replaces 1500W HID fixtures

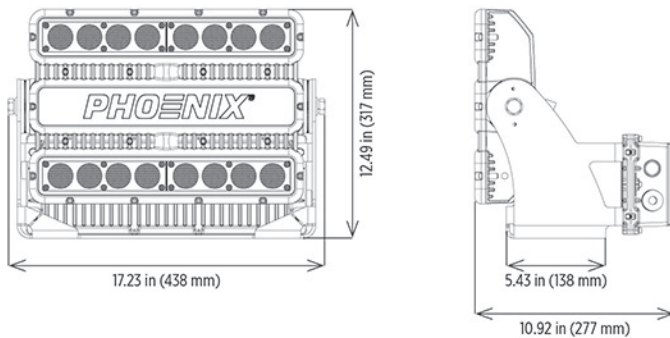Designed to withstand the world's harshest marine environments

LED technology increases efficiency, eliminates maintenance and supports green initiatives
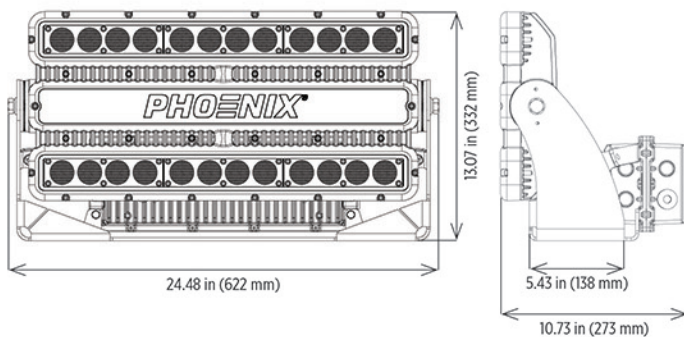
Dimensions

ModCom 2 Lo

9.80 in (249 mm)
17.24 in (438 mm)
5.43 in (138 mm)
10.58 in (269 mm)

ModCom 2 Hi

12.49 in (317 mm)
17.23 in (438 mm)
5.43 in (138 mm)
10.92 in (277 mm)

ModCom 2 Max

13.07 in (332 mm)
24.48 in (622 mm)
5.43 in (138 mm)
10.73 in (273 mm)

Specifications

Construction	Marine grade cast aluminum housing Adjustable powder coated steel mounting harp
Finish	Black thermoset powder coat finish
Hardware	Marine grade (316) stainless steel
Lens	Clear, tempered glass Amber option (AM) - contact factory
Light source	Cree XHP 70 light emitting diodes (LED) Cool white (5000K) - standard Other CCT options available - contact factory 145W, up to 14,000 lumens (LO) 290W, up to 28,000 lumens (HI) 435W, up to 42,000 lumens (MAX) CRI > 70 - standard 50,000 hour rated life
Power source	10-50V DC; 120-277V, 50-60Hz; 277-480V, 50-60Hz Replaceable Overload, over-voltage, over-temperature and short-circuit protection
Wiring	72.00 inch (1829 mm) cord with pigtail Stranded wires Knockouts for continuous row mounting
Ambient operating temperature	-40°C to +50°C - standard -40°C to +40°C - amber
Mounting	Indexed aiming and lockable in 5° increments
Estimated fixture weight	LO, DC - 22.0 lb (10.0 kg) LO, AC - 29.0 lb (13.2 kg) HI, DC - 30.0 lb (13.6 kg) HI, AC - 39.0 lb (17.7 kg) MAX, DC - 42.0 lb (19.1 kg) MAX, AC - 52.0 lb (23.6 kg)
Warranty	5 years

ModCom® 2 Series

Waterline Security Light

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Compliances

ETL/cETL Certified to:
- UL 1598 Suitable for Wet Locations
- UL 1598A Marine Outside Type (Saltwater)
- UL 844 Hazardous Location
    - Class I, Division 2 Groups A, B, C, D
    - Class I, Zone 2 Groups IIC
    - Class II, Division 2 Groups F & G
    - Class III
        - T3C, 160°C maximum surface temperature
- CSA C22.2 No. 250.0
- CSA C22.2 No. 137

CE
ABS
IP67
LM79 and LM80 reports available

ModCom® 2 Hi fixtures on a vessel

Ordering Information

Example: MC2-LO-120-277

Fixture	Wattage	Optic	Voltage	Options
MC2	LO	MF	DC [1]	AM [1,2]
	HI	SP	120-277	
	MAX		277-480	

Wattage

LO	145W
HI	290W
MAX	435W

Optic

MF	Medium flood (SYM 303.3)
SP	Spot (SYM 303.4)

Voltage

DC [1]	10-50V DC (LO and HI), 18-50V DC (MAX)
120-277	120-277V, 50-60Hz
277-480	277-480V, 50-60Hz

Options

AM [1,2]	Amber lens

Notes

1   Contact factory for more information
2   Lower light output than standard (5000K)

Special Projects: We may be able to accommodate your special projects, so please don't hesitate to ask about additional options. Minimum order quantities and/or extended lead times will apply. Contact your Phoenix representative with specific inquiries.

Accessories (order separately)
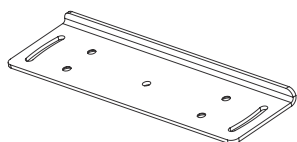
Mounting Adapter Bracket
AMB-MC2
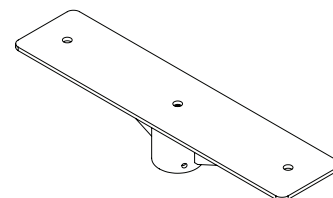Adapts to original ModCom/MRSE mounting pattern (LO & HI fixtures only)
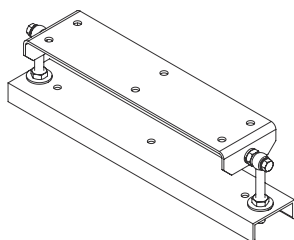
Boom Mount Kit
BMKM-MC2 (LO & HI fixtures)
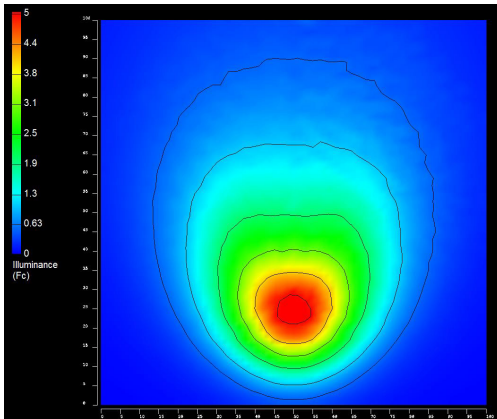BMKM (MAX fixtures)

Safety Cable Kit
SFCB-MC2

2 ¾ inch Tenon Mount
PTM-MC2 (LO & HI fixtures)
MCPTM (MAX fixtures)
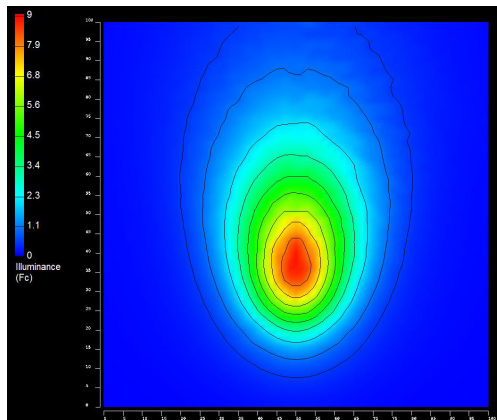
Isolux Charts

MC2-LO - Medium Flood (SYM 303.3)

MC2-LO - Spot (SYM 303.4)

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